

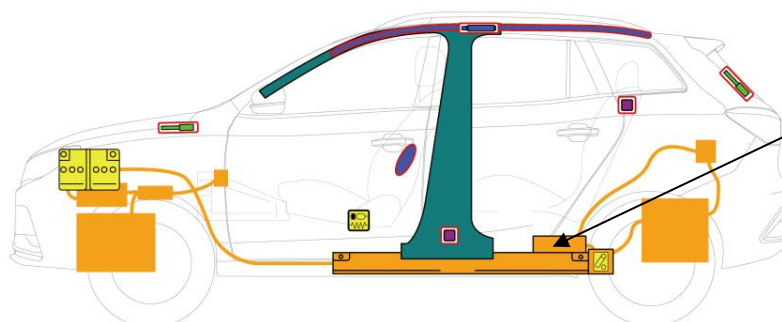
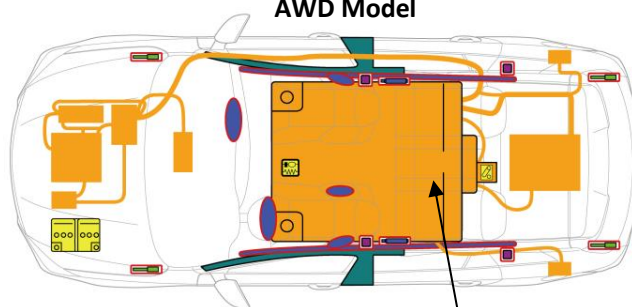
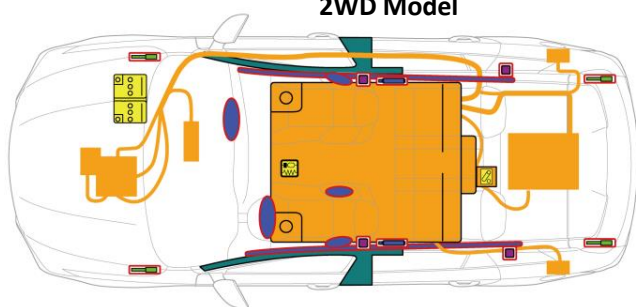


MG Marvel R Electric, 2021-



2WD Model

AWD Model



Li-ion
417V

| | | | | | | | | | |
|----------------------|--------------------------------------|-------------|--------------------------------------|--------------|-------------------------|-------------|--|--|-------------------------------------|
| | Airbag | | Stored gas inflator | | Seat belt pretensioner | | SRS control unit | | Pedestrian protection active system |
| | Automatic rollover protection system | | Gas strut / Preloaded spring | | High strength zone | | Zone requiring special attention | | |
| | Battery low voltage | | Ultra capacitor, low voltage | | Fuel tank | | Gas tank | | Safety valve |
| | High voltage battery pack | | High voltage power cable / component | | High voltage disconnect | | Fuse box disabling high voltage system | | Ultra capacitor, high voltage |
| | Disconnect high voltage device | | | | | | | | |
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1. Identification/Recognition



A LACK OF MOTOR NOISE DOES NOT INDICATE THE SYSTEM IS OFF, A SILENT MOVEMENT CAPABILITY EXISTS UNTIL THE VEHICLE IS FULLY SHUT DOWN. ALWAYS WEAR APPROPRIATE PPE.

MARVEL R ELECTRIC



NO TAIL PIPE

Under the Hood

The components with high voltage warning labels and the orange harnesses are high-voltage devices.



READY Indicator – Green

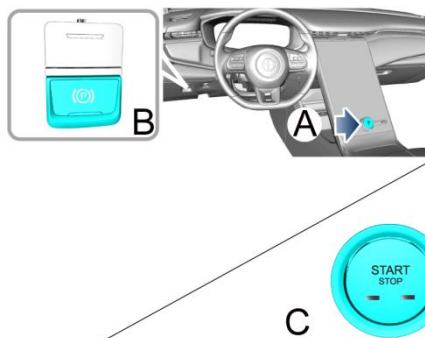


READY

This lamp is used to indicate that the EV system is powered up and the vehicle is ready for driving.

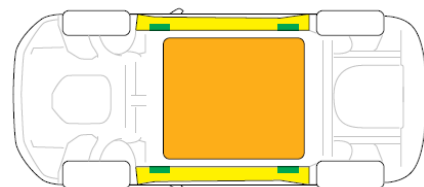
2. Immobilisation/Stabilisation/Lifting

Immobilise the Vehicle



- A: Place in P position;
- B: Apply the EPB (indicator ON);
- C: Press START/STOP Switch to turn off the power system (indicator LED's are OFF).

Jacking or Lifting



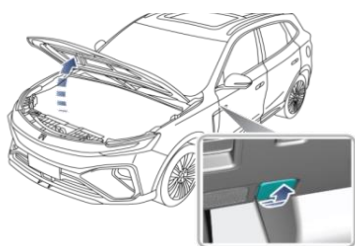
Appropriate lift areas

High voltage battery

Use caution to ensure you never come into contact with the high voltage battery or other high voltage components while lifting or manipulating the vehicle.

3. Disabling Direct Hazards / Safety Regulations

The vehicle power system can be shut down normally.

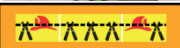
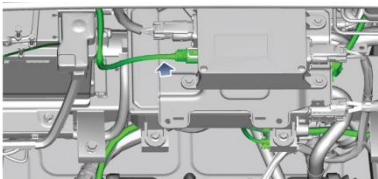


Power off and disconnect the negative cable of 12V low-voltage battery. The 12V battery position differs between vehicles.

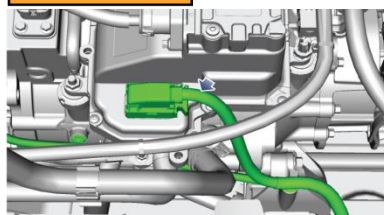
In cases of emergency, the high voltage system can be isolated by cutting the low voltage harness in the front compartment (Method 1) or by removing the manual service disconnect device (master safety device, Method 2).

Method 1

2WD Model

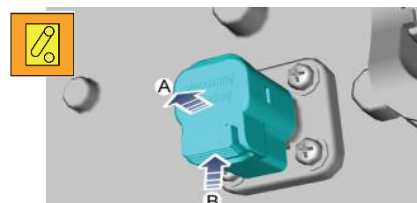
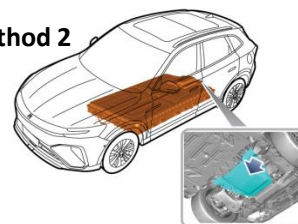


AWD Model



Method 1: Cut the front cabin low-voltage wiring harness.

Method 2

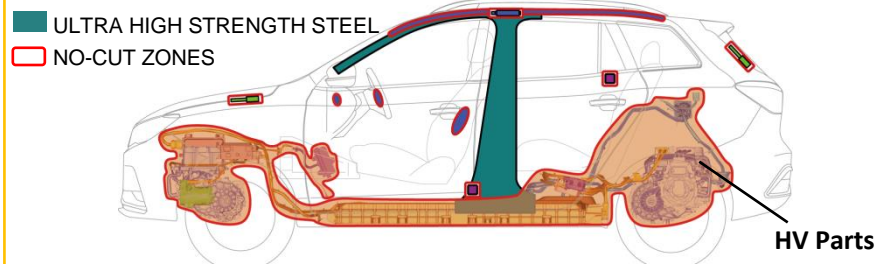


Method 2: Pull out the clip from the manual service disconnect(A), press the end of the clip (B) and remove the manual service disconnect (Under the car).

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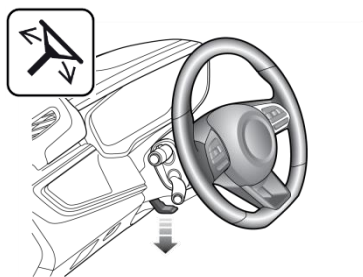


4. Access to the Occupants

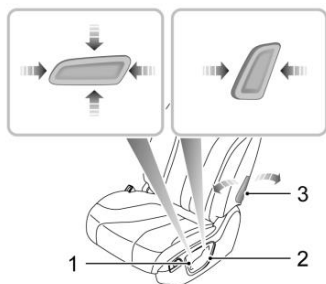


Glass types

- Front window: Laminated glass
- Rear window: Tempered glass
- Four door: Laminated glass



Fully release the locking lever, and move the wheel position.



- 1、Forward/Backward adjustment (A)
- Cushion Height Adjustment (B)
- 2、Backrest Adjustment
- 3、Lumbar Support Adjustment

5. Stored Energy / Liquids / Gases / Solids

| | | |
|--|--|--|
| | | 12V |
| | | 417V |
| | | Coolant:4.4/4.8L Refrigerant:540±20 g |



The battery assembly cover should never be breached or removed under any circumstances, including fire. Doing so may result in severe electrical burns, shocks, or electrocution.



When coolant leaks from the battery pack, it can become unstable with a risk of thermal runaway. Check battery pack temperature with a thermal imaging camera.

6. In Case of Fire



USE LARGE AMOUNTS OF WATER.



BATTERY RE-IGNITION!



DO NOT SUBMERGE VEHICLE TO EXTINGUISH BATTERY.

- Wear a full set of insulated protection equipment and use specialized insulated tools.
- Disconnect the high-voltage output immediately when conditions permit.
- Continuously spray with a large amount of continuous water.
- Ensure the high-voltage battery is completely extinguished and cooled to avoid reignition.
- To recover the vehicle, do not tow it directly, use a rescue vehicle instead.

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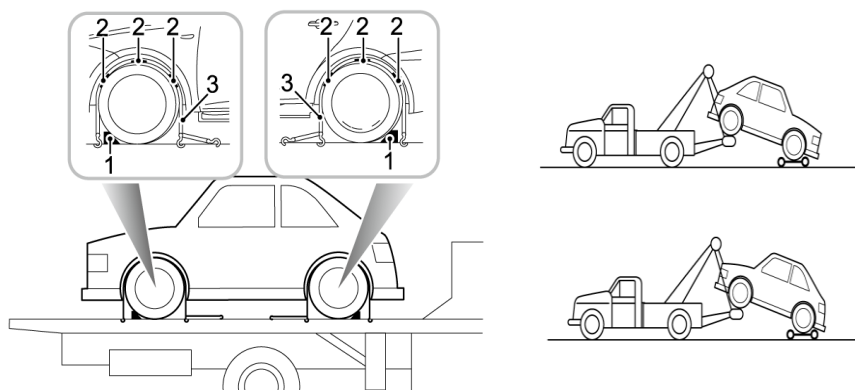


7. In Case of Submersion

- Wear a full set of insulated protection equipment and use specialized insulated tools.
- Avoid touching the metal conductor of the damaged high-voltage device.
- If there is no hissing sound or foam being emitted by the high voltage battery pack, the vehicle can be salvaged by professional organizations.
- After recovery from deep or flood water the vehicle high voltage system must be isolated and placed in an open place for isolation.
- To transfer the vehicle, do not tow it directly but use a recovery vehicle instead.

8. Towing / Transportation / Storage

- Before towing the vehicle, release the parking brake, switch on the hazard warning lamps, close all doors and lock the vehicle.
- When towing, DO NOT suddenly accelerate or brake suddenly, this can cause accidents.
- Personnel are prohibited from staying in the vehicle when towing and transporting the vehicle.



To transport the vehicle on a transporter or trailer, fit wheel chocks (1) as shown, then position the anti slip rubber blocks (2) around the circumference of the wheel. Meanwhile, fit the lashing straps (3) around the wheels and secure them on the trailer. When towing a vehicle, suspended towing is the best method. The driven wheels MUST be suspended above the ground. Please consult the Owner's Handbook for detailed instructions.

10. Explanation of Pictograms Used

| | | | | | | | | | |
|--|------------------------------|--|-------------------------------|--|----------------------------|--|----------------------------------|--|-----------------------------|
| | Electric Vehicle | | Warning, Electricity | | Air conditioning component | | Lifting point | | Cable cut |
| | Steering wheel, tilt control | | Seat adjustment, longitudinal | | Seat height adjustment | | Use water to extinguish the fire | | Use thermal infrared camera |
| | Flammable | | Corrosives | | Explosive | | Acute toxicity | | Hazardous to human health |

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